

STATION,

Columbus

; month

January

1886.

## NOTES.

a. Underscore, in red, maximum and minimum of each column for the month.

b. Note whether steady or variable.

c. To all readings above zero of the gauge, prefix a plus (+) sign; to those below, a minus (-) sign.

d. Give position of bench-mark, and difference between it and the zero of the gauge.

e. Note change of river, as plus (+) or minus (-), from 2 p. m., 75th Meridian time, of preceding to current day.

f. Give in column the precise nature and location of spot where observations are taken.

g. In determining what is a foggy day, consider the total number of observations taken daily; if more than two (2) of the observations are recorded as foggy, the day will be recorded as foggy; foggy days to be recorded in summary only.

k. No data required in this space.

m. In spaces on the horizontal foot-line marked "Average reading for the month," insert the most frequent direction, or kind of clouds, as the case may be; i. e., enter the direction, or kind which occurs the greatest number of times in the column. Where two different directions or kinds are observed an equal number of times in the same column, enter both in the foot space.

s. Record here the mean of the 7 a. m., 3 p. m., and 11 p. m. averages.

t. Record here the mean of the 3 a. m., 11 a. m., and 7 p. m. averages.

v. Midnight to midnight, 75th Meridian time; to include only days on which .01 inch or more of rain, and melted snow, sleet and hail fell.

w. To include rain, dew, fog, and melted snow, sleet, hail and frost as taken from total precipitation at bottom of page 9.

x. To include only days on which .01 inch or more fell.

z. Midnight to midnight, 75th Meridian time.

Signal-service No. of barometer in use: 1750

Date and observation upon which its use commenced: Feb 17. 79

7 a.m. observation

Instrumental correction used: - .005

Constant correction for elevation used during month: +90.0

Elevation corrected for 805 feet.

Signal-service No. of exposed thermometer in use: 463

Signal-service No. of wet-bulb thermometer in use: 1033

Signal-service No. of maximum thermometer in use: 1138

Signal-service No. of minimum thermometer in use: 1055

Signal-service No. of anemometer in use: 302

Signal-service No. of water thermometer in use: —

3 a. m., 75th Meridian time, corresponds to 228 a. m., local time; 7 a. m. to 628 a. m.; 11 a. m. to 1028 a. m.; 3 p. m. to 228 p. m.; 7 p. m. to 628 p. m.; 11 p. m. to 1028 p. m.

In obtaining the sums for the amount-of-cloud columns, haze, smoke, and fog will not be considered.

When from any cause an observation has not been taken, or data is omitted from this form, an explanatory note with an asterisk (\*) will be made in red ink on the margin; also make an asterisk (\*) in the space in which the observation would have been recorded if taken, to draw attention to the note.

## LOCATION OF OFFICE.

Street: High & Broad

Number: 727 B. High

Room: Transit Gen

NOTE.—The form sent to O. C. S. O. must not be folded but carefully rolled and securely enveloped.

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